IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	Atty. Docket
GERARDUS P.M. EGELMEERS ET AL	NL 000475
Serial No.	Group Art Unit
Filed: CONCURRENTLY	Ex.

Title: PARTITIONED BLOCK FREQUENCY DOMAIN ADAPTIVE FILTER

Commissioner for Patents
Washington, D.C.   20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

3.   (amended)   The partitioned block frequency domain adaptive filter according to Claim 1, characterized in that time domain values of the approximation are larger than or equal to zero.

4.   (amended)   The partitioned block frequency domain adaptive filter according to Claim 1, characterized in that the approximation in time domain has substantially high slopes near the positions which correspond to the positions of the transitions in a rectangular constraint window.

5. (amended) The partitioned block frequency domain adaptive filter according to Claim 1, characterized in that frequency domain values of the approximation each comprise a real value and complex conjugate imaginary values, whereby at least part of the imaginary values form a row of numbers, the numbers being obtainable from one another by multiplication.

10. (amended) The acoustic echo canceller according to Claim 8, characterized in that time domain values of the approximation are larger than or equal to zero.

11. (amended) The acoustic echo canceller according to Claim 8, characterized in that the approximation in time domain has substantially high slopes near the positions which correspond to the positions of the transitions in a rectangular constraint window.

12. (amended) The acoustic echo canceller according to Claim 8, characterized in that frequency domain values of the approximation each comprise a real value and complex conjugate imaginary values, whereby at least part of the imaginary values form a row of numbers, the numbers being obtainable from one another by multiplication.

17. (amended) The method according to Claim 15, characterized in that time domain values of the approximation are larger than or equal to zero.

18. (amended) The method according to Claim 15, characterized in that the approximation in time domain has substantially high slopes near the positions which correspond to the positions of the transitions in a rectangular constraint window.

19. (amended) The method according to Claim 15, characterized in that frequency domain values of the approximation each comprise a real value and/or an imaginary value and/or a conjugate imaginary value, whereby at least part of the imaginary values form a row of numbers, the numbers being obtainable from one another by multiplication.

REMARKS

The foregoing amendments to the claims were made solely to avoid filing the claims in the multiple dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicants respectfully reserve all rights they may have under the Doctrine of Equivalents. Applicants furthermore reserve their right to reintroduce subject matter deleted herein at

a later time during the prosecution of this application or
continuing applications.

Respectfully submitted,

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3. (amended) The partitioned block frequency domain adaptive filter according to Claim 1 ~~or 2~~, characterized in that time domain values of the approximation are larger than or equal to zero.

4. (amended) The partitioned block frequency domain adaptive filter according to ~~any one of the Claims 1 to 3~~Claim 1, characterized in that the approximation in time domain has substantially high slopes near the positions which correspond to the positions of the transitions in a rectangular constraint window.

5. (amended) The partitioned block frequency domain adaptive filter according to ~~any one of Claims 1 to 4~~Claim 1, characterized in that frequency domain values of the approximation each comprise a real value and complex conjugate imaginary values, whereby at least part of the imaginary values form a row of numbers, the numbers being obtainable from one another by multiplication.

10. (amended) The acoustic echo canceller according to Claim 8 ~~or 9~~, characterized in that time domain values of the approximation are larger than or equal to zero.

11. (amended) The acoustic echo canceller according to ~~any one of the Claims 8 to 10~~Claim 8, characterized in that the approximation in time domain has substantially high slopes near the positions

which correspond to the positions of the transitions in a rectangular constraint window.

12. (amended) The acoustic echo canceller according to ~~any one of Claims 8 to 11~~Claim 8, characterized in that frequency domain values of the approximation each comprise a real value and complex conjugate imaginary values, whereby at least part of the imaginary values form a row of numbers, the numbers being obtainable from one another by multiplication.

17. (amended) The method according to Claim 15 ~~or 16~~, characterized in that time domain values of the approximation are larger than or equal to zero.

18. (amended) The method according to ~~any one of the Claims 15 to 17~~Claim 15, characterized in that the approximation in time domain has substantially high slopes near the positions which correspond to the positions of the transitions in a rectangular constraint window.

19. (amended) The method according to ~~any one of Claims 15 to 18~~Claim 15, characterized in that frequency domain values of the approximation each comprise a real value and/or an imaginary value and/or a conjugate imaginary value, whereby at least part of the imaginary values form a row of numbers, the numbers being obtainable from one another by multiplication.